

What is claimed is

1. A method of making an ophthalmic device from uncured ~~claim 6~~
components comprising dissolving the uncured components in a diluent
5 comprising α -methyl- ω -hydroxy poly(oxy-1,2-ethanediyl) and curing said
uncured components.
2. The method of claim 1 wherein said diluent further comprises up to
about 20 weight% of a second diluent.
3. The method of claim 1 wherein said diluent further comprises up to
10 about 15 weight% of a second diluent.
4. The method of claim 1 wherein said diluent further comprises up to
about 10 weight% of a second diluent.
5. The method of claim 1 wherein said uncured components comprise
at least one hydrophilic monomer.
- 15 6. The method of claim 5 wherein said hydrophilic monomers are
selected from the group consisting of glycerol monomethacrylate
N,N-dimethylacrylamide, 2-hydroxyethyl methacrylate, glycerol methacrylate,
2-hydroxyethyl methacrylamide, polyethyleneglycol monomethacrylate,
methacrylic acid, acrylic acid N-vinyl pyrrolidone, N-vinyl-N-methyl acetamide,
20 N-vinyl-N-ethyl acetamide, N-vinyl-N-ethyl formamide, N-vinyl formamide and
mixtures thereof.
7. The method of claim 5 wherein said hydrophilic monomers comprise
polyoxyethylene polyols having one or more of the terminal hydroxyl groups
replaced with a functional group containing a polymerizable double bond.
- 25 8. The method of claim 5 wherein said hydrophilic monomers are
selected from the group consisting of polyethylene glycol, ethoxylated alkyl
glucoside, and ethoxylated bisphenol A reacted with one or more molar
equivalents of an end-capping group such as isocyanatoethyl methacrylate,
methacrylic anhydride, methacryloyl chloride, vinylbenzoyl chloride.
- 30 9. The method of claim 5 wherein said hydrophilic monomers comprise
from about 80 weight% to about 98 weight% of said uncured components.

10. The method of claim 5 wherein said hydrophilic monomers comprise from about 90 weight% to about 95 weight% of said uncured components.

5 11. The method of claim 5 wherein said uncured components further comprise at least one hydrophobic monomer.

12. The method of claim 5 wherein said uncured components further comprise at least additional component selected from the group consisting of crosslinkers, polymerization catalysts, UV absorbers, dyes, medicinal agents reactive tints, pigments, photochromic compounds, release agents and combinations thereof.

10 13. The method of claim 1 wherein said ophthalmic device is a contact lens.

14. The method of claim 1 said ophthalmic device is a soft contact lens.

15 15. The method of claim 14 wherein said soft contact lens is non-ionic.

16. A method of making an ophthalmic device from uncured components comprising dissolving the uncured components in a diluent comprising tetrapropyleneglycol and curing said uncured components.